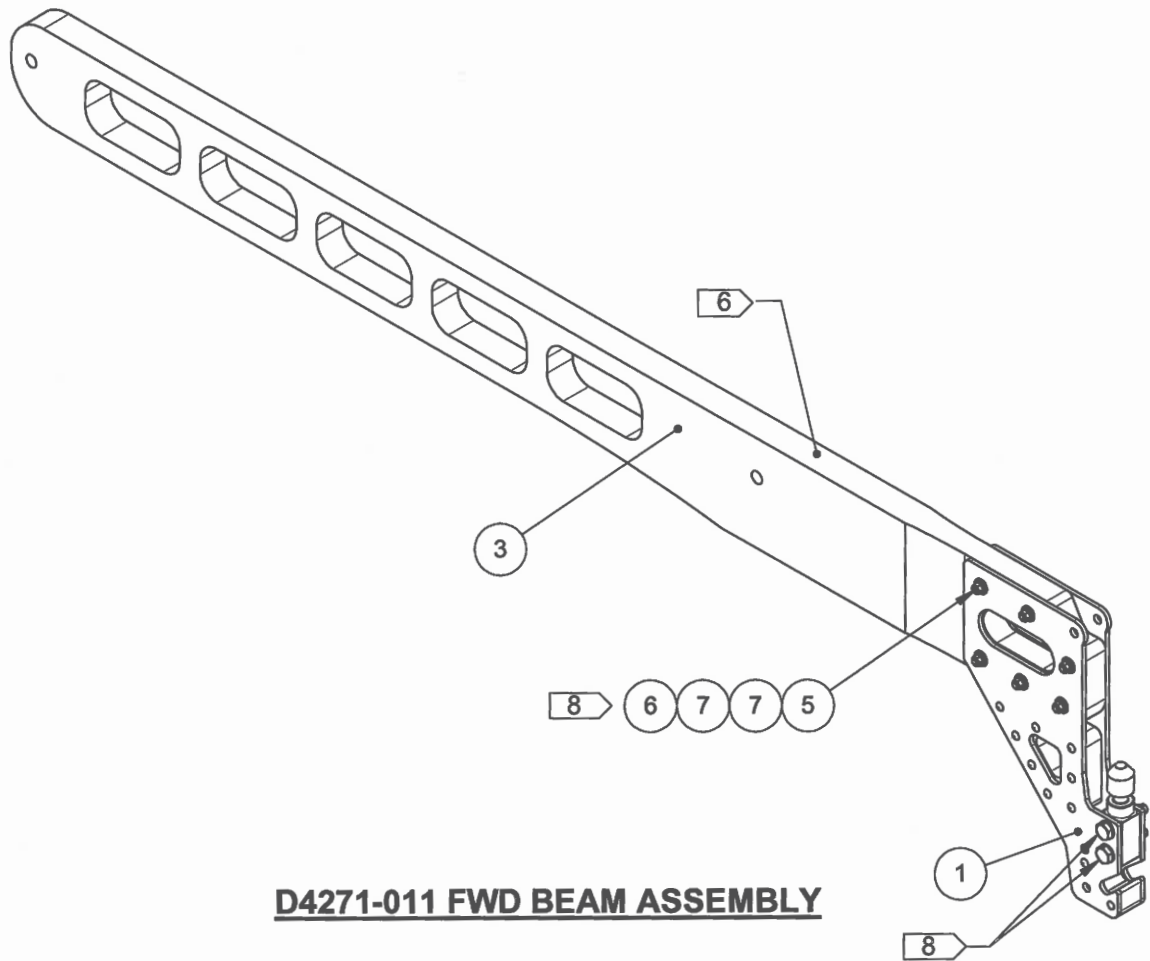
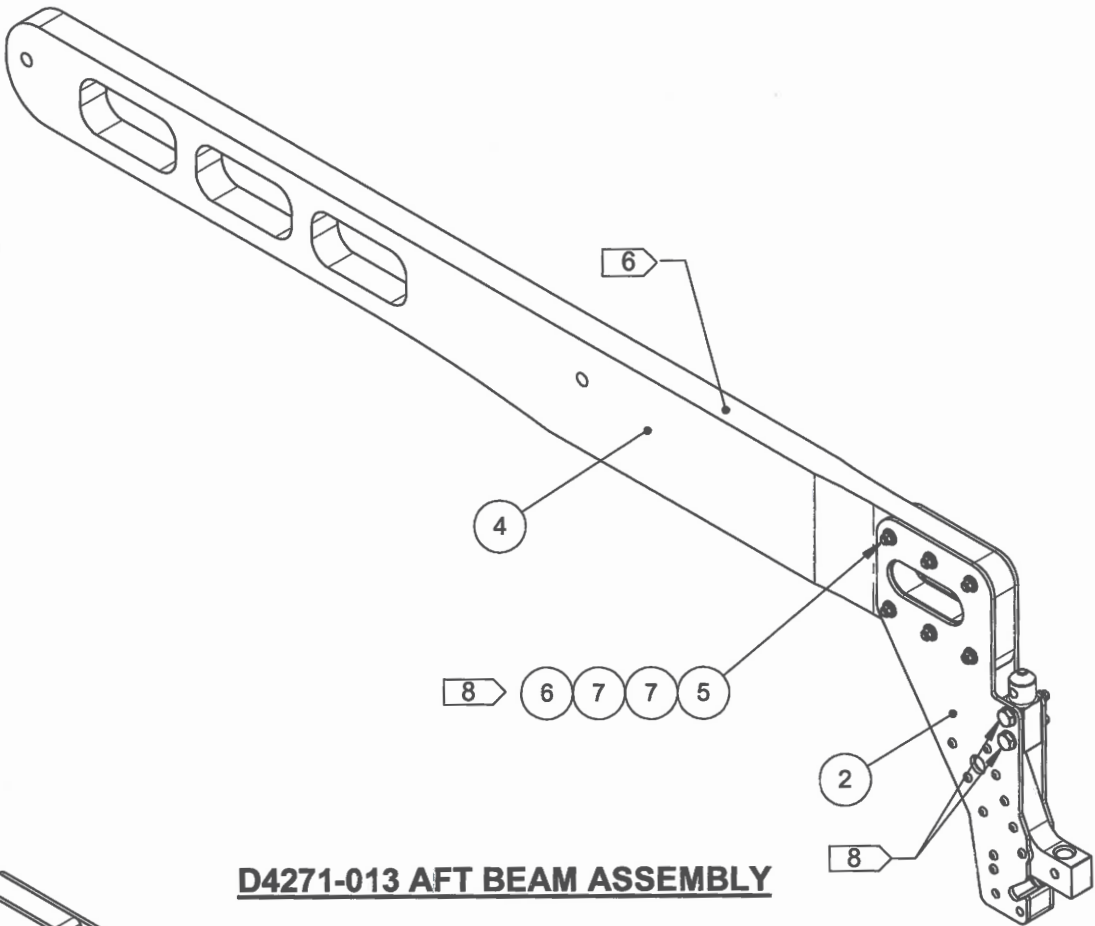


ITEM	QTY -011	QTY -013	NUMBER	DESCRIPTION
	X		D4271-011	FWD BEAM ASSEMBLY
		X	D4271-013	AFT BEAM ASSEMBLY
	-	-	D4271-021	DELETED AT REVISION D
	-	-	D4271-023	DELETED AT REVISION D
1	1		D4271-025	FWD BEAM END FITTING ASSEMBLY
2		1	D4271-027	SUPPORT BEAM ASSEMBLY
3	1		D4275-1	FWD BEAM
4		1	D4576-1	AFT BEAM
5	6	6	AN3C12A	BOLT
6	6	6	MS21043-3	NUT, SELF-LOCKING
7	12	12	NAS1149C0332R	WASHER (AN960C10L)



D4271-011 FWD BEAM ASSEMBLY



D4271-013 AFT BEAM ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART IDENTIFY WITH DART P/N "D4271-0XX" AND S/N "SXXXXX"
PER DART QSI 044 6.1 (FINE POINT MARKER)
7) WEIGHT -011: 11.02 lbs
-013: 12.97 lbs
8) TORQUE FASTENERS: AN3 BOLTS TO 20-25 in-lbs
AN4 BOLTS TO 50-70 in-lbs

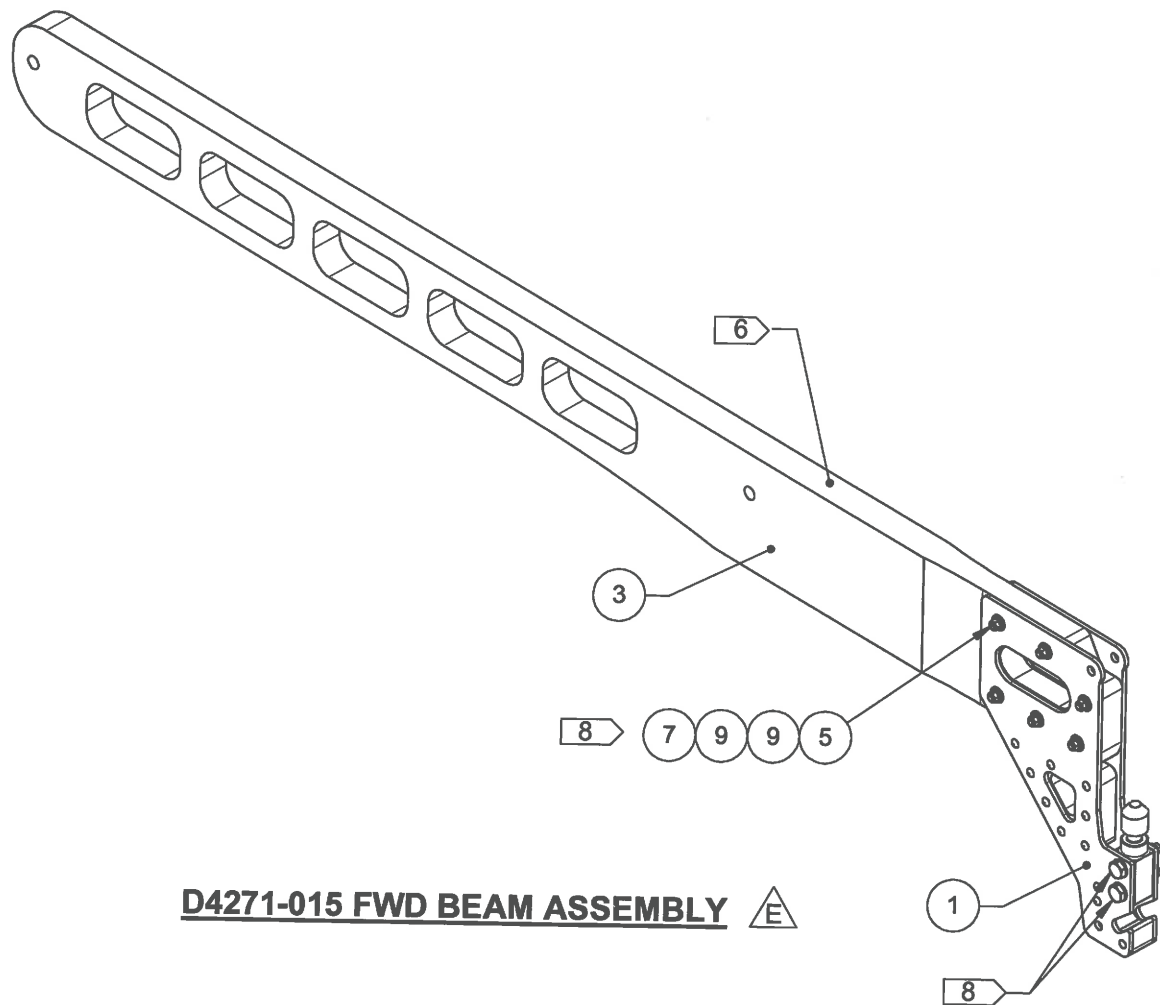
RELEASED

DEC 19 2022
HB ECR 442
ECR 469

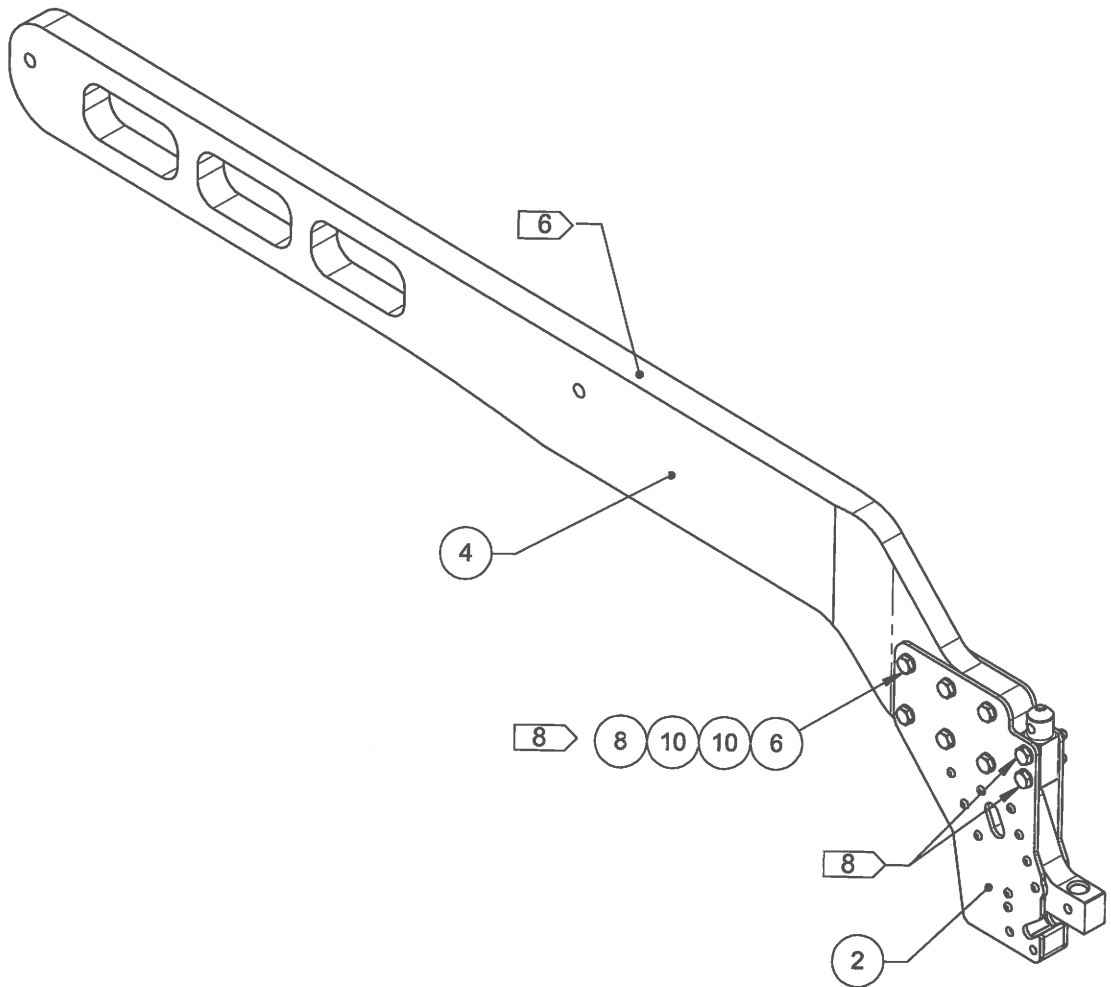
APPROVED

E	-015, -017 & -029 ADDED; -011/-013/-025/-027 UPDATED NOTE 6; -011/-013 ADDED NOTE 8; -025 UPDATED ITEM # WAS MISSING ITEM 2. REASON ECR 442	RF	22.10.20
D	DELETED -021 & -023 REPLACED BY -025 & -027 FOR Q.R. STEP INSTALLATION.	AJS	11.07.14
C	ADDED -021 & -023 FOR EASE OF CONFIGURATION MANAGEMENT. REFORMAT SEE PREV REV FOR DETAILS.	AJS	11.07.12
B	ITEM 10 CHANGED FROM AN3C12A TO AN4C13A	SC	10.12.01
A	NEW ISSUE	SC	10.11.25
REV.	DESCRIPTION	BY	DATE
DESIGN	SC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	SAD	DRAWING NO.	REV. E
MFG. APPR.	FK	D4271	SHEET 1 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	SUPPORT BEAM ASSEMBLIES	NTS
DATE	22.10.20	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY -015	QTY -017	NUMBER	DESCRIPTION
	X		D4271-015	FWD BEAM ASSEMBLY
		X	D4271-017	AFT BEAM ASSEMBLY
1	1		D4271-025	FWD BEAM END FITTING ASSEMBLY
2		1	D4271-029	AFT BEAM END FITTING ASSEMBLY
3	1		D4275-3	FWD BEAM
4		1	D4276-3	AFT BEAM
5	6		AN3C12A	BOLT
6		6	AN4C13A	BOLT
7	6		MS21043-3	NUT, SELF-LOCKING
8		6	MS21043-4	NUT, SELF-LOCKING
9	12		NAS1149C0332R	WASHER (AN960C10L)
10		12	NAS1149C0432R	WASHER (AN960C416L)



D4271-015 FWD BEAM ASSEMBLY ⚠



D4271-017 AFT BEAM ASSEMBLY ⚠

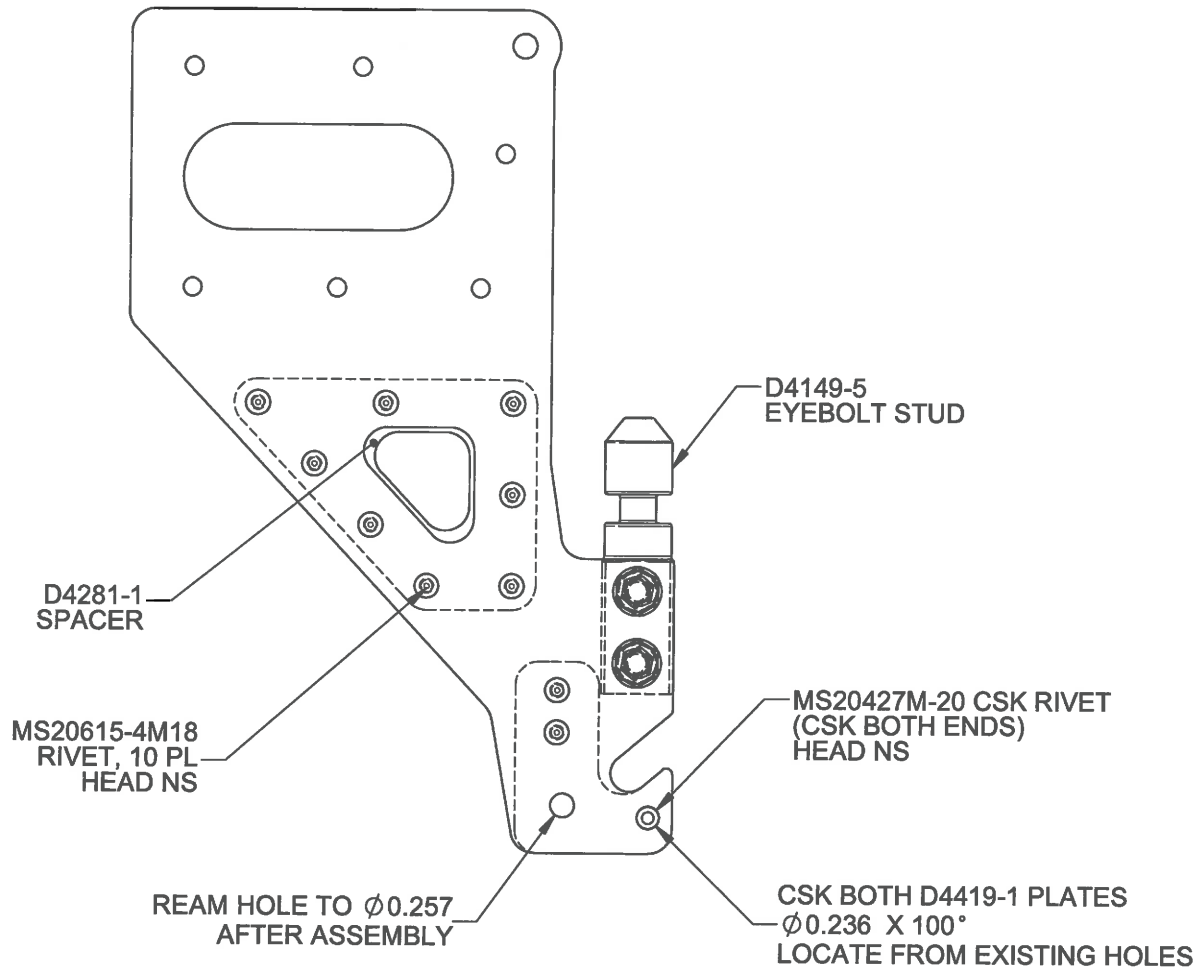
NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: IDENTIFY WITH DART IDENTIFY WITH DART P/N "D4271-0XX" AND S/N "SXXXXX"
PER DART QSI 044 6.1 (FINE POINT MARKER)
7) WEIGHT -015: 11.42 lbs
-017: 13.28 lbs
8) TORQUE FASTENERS: AN3 BOLTS TO 20-25 in-lbs
AN4 BOLTS TO 50-70 in-lbs

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APPROVED	DESIGN	SC	DART AEROSPACE LTD	
	DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
	CHECKED	SAD	DRAWING NO.	REV. E
	MFG. APPR.	FK	D4271	SHEET 2 OF 5
	APPROVED	CP	TITLE	SCALE
	DE APPR.	CP	SUPPORT BEAM ASSEMBLIES NTS	
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ITEM	QTY -025	P/N	DESCRIPTION
	X	D4271-025	FWD BEAM END FITTING ASSEMBLY
1	1	D4149-5	EYEBOLT STUD
2	1	D4281-1	SPACER
3	1	D4281-3	SPACER
4	2	D4419-1	FWD SUPPORT PLATE
5	2	AN4C13A	BOLT
6	1	MS20427M4-20	RIVET, SOLID, CSK (MONEL)
7	10	MS20615-4M18	RIVET (MONEL)
8	2	MS21043-4	NUT, SELF-LOCKING
9	4	NAS1149C0432R	WASHER

E



D4271-025 FWD BEAM END FITTING ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART IDENTIFY WITH DART P/N "D4271-025" AND S/N "SXXXXX" PER DART QSI 044 6.1 (FINE POINT MARKER)
- 7) WEIGHT: 2.69 lbs

E

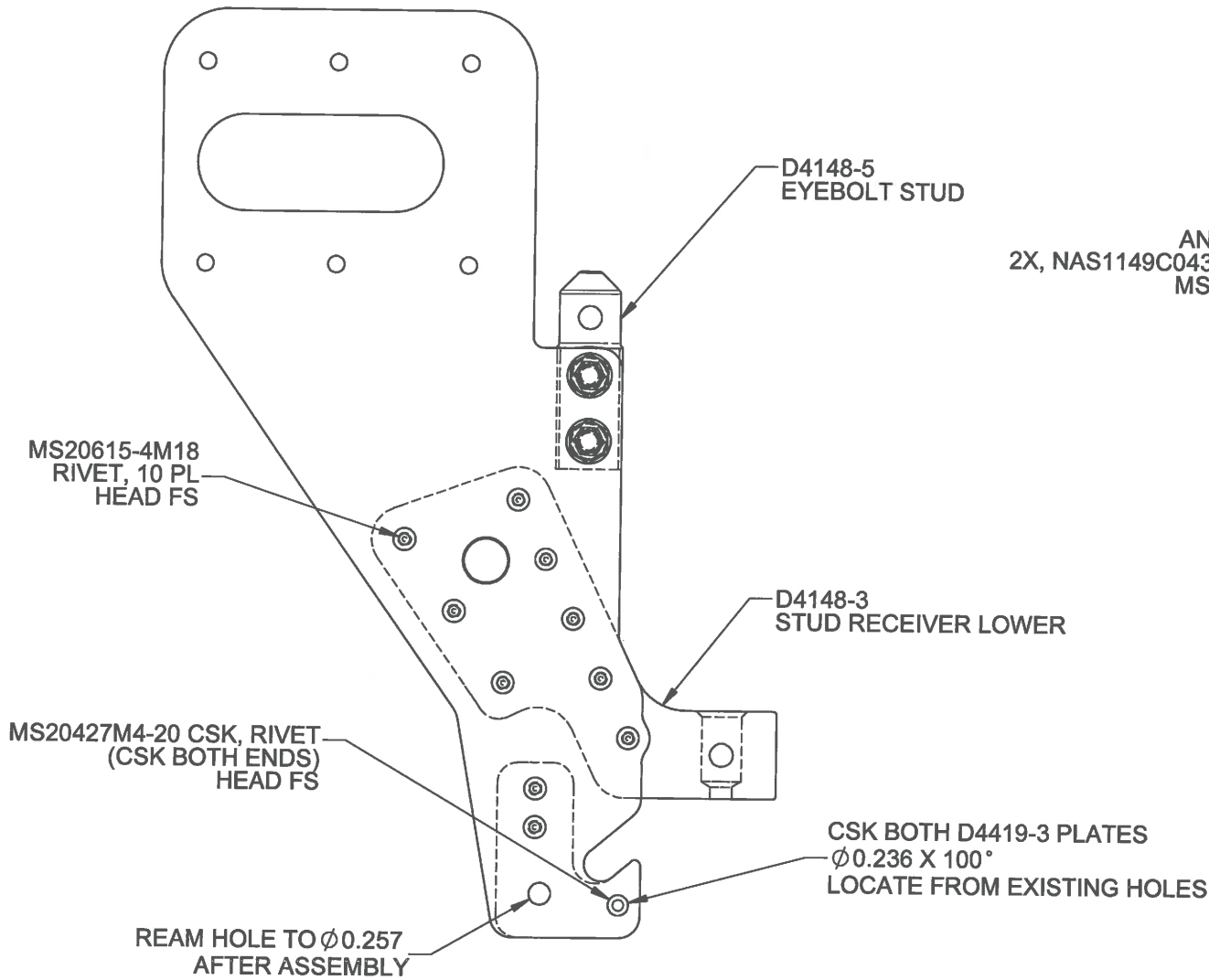
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DEC 19 2022

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DESIGN	SC	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD	DRAWING NO.	REV. E
MFG. APPR.	FK	D4271	SHEET 3 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	SUPPORT BEAM ASSEMBLIES NTS	
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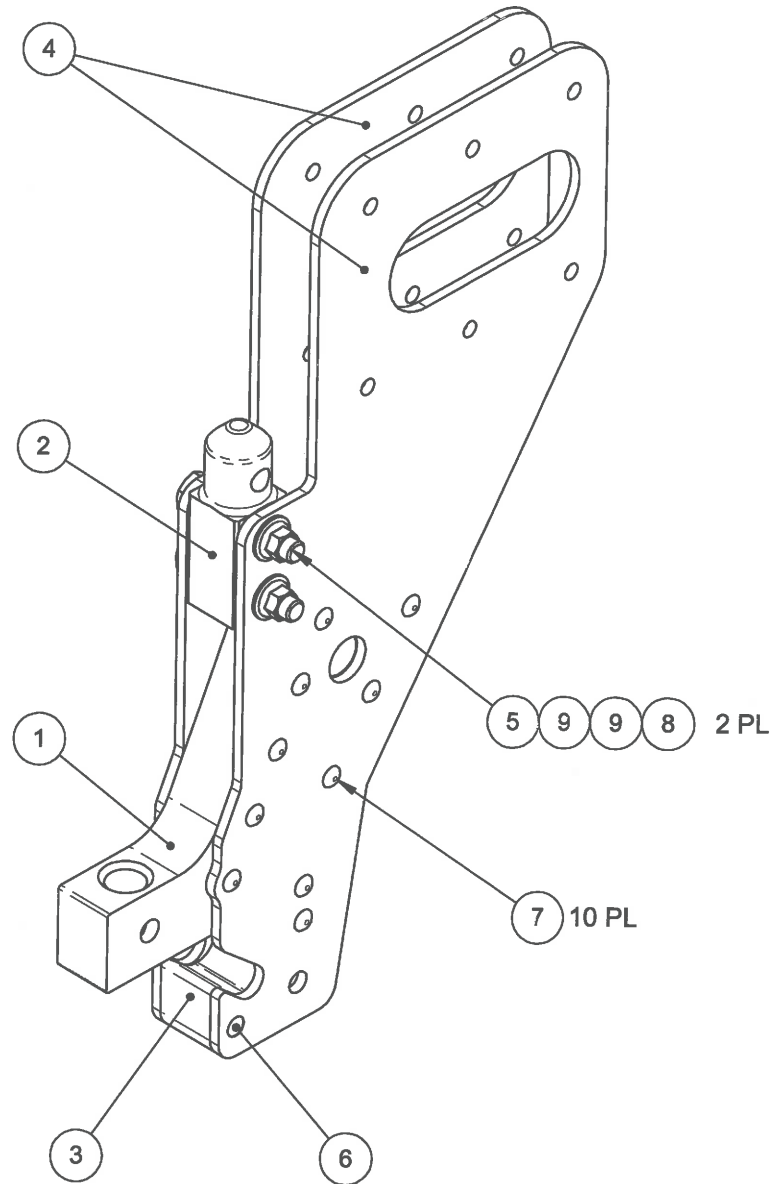
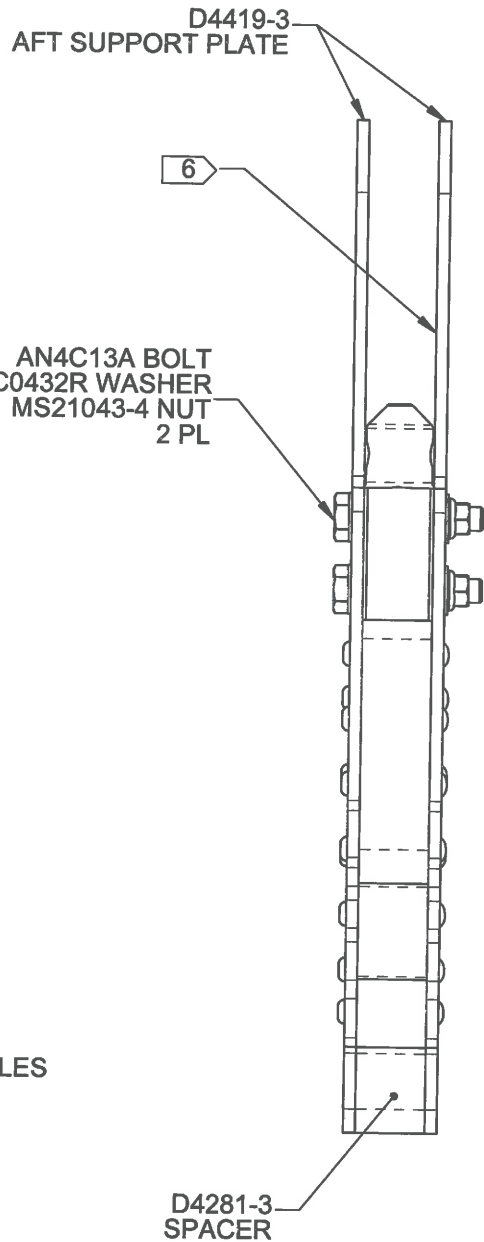
ITEM	QTY -027	P/N	DESCRIPTION
	X	D4271-027	AFT BEAM END FITTING ASSEMBLY
1	1	D4148-3	STUD RECEIVER LOWER
1	1	D4148-5	EYEBOLT STUD
2	1	D4281-3	SPACER
4	2	D4419-3	AFT SUPPORT PLATE
5	2	AN4C13A	BOLT
6	1	MS20427M4-20	RIVET, SOLID, CSK (MONEL)
7	10	MS20615-4M18	RIVET (MONEL)
8	2	MS21043-4	NUT, SELF-LOCKING
9	4	NAS1149C0432R	WASHER



D4271-027 AFT BEAM END FITTING ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART IDENTIFY WITH DART P/N "D4271-027" AND S/N "SXXXXX" PER DART QSI 044 6.1 (FINE POINT MARKER)
- 7) WEIGHT: 4.25 lbs

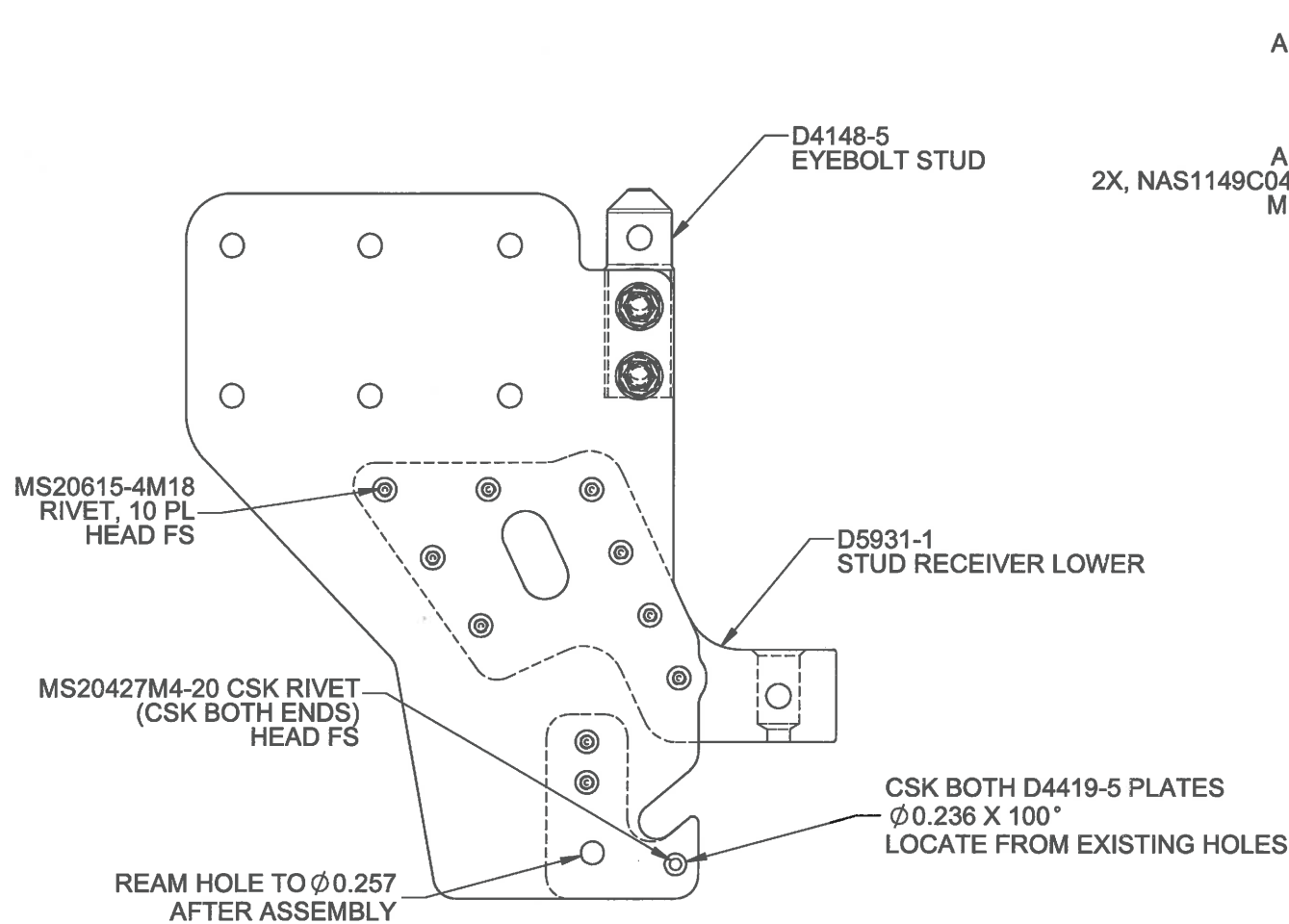


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DESIGN	SC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	SAD	DRAWING NO. D4271	REV. E
MFG. APPR.	FK		SHEET 4 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	SUPPORT BEAM ASSEMBLIES	NTS
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ITEM	QTY -029	P/N	DESCRIPTION
	X	D4271-029	AFT BEAM END FITTING ASSEMBLY
1	1	D4148-5	EYEBOLT STUD
2	1	D4281-3	SPACER
3	2	D4419-5	AFT SUPPORT PLATE
4	1	D5931-1	STUD RECEIVER LOWER
5	2	AN4C13A	BOLT
6	1	MS20427M4-20	RIVET, SOLID, CSK (MONEL)
7	10	MS20615-4M18	RIVET (MONEL)
8	2	MS21043-4	NUT, SELF-LOCKING
9	4	NAS1149C0432R	WASHER



D4271-029 AFT BEAM END FITTING ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY WITH DART IDENTIFY WITH DART P/N "D4271-029" AND S/N "SXXXXX" PER DART QSI 044 6.1 (FINE POINT MARKER)
 - 7) WEIGHT: 4.22 lbs

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DESIGN	SC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
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CHECKED	SAD	DRAWING NO.	REV. E
MFG. APPR.	FK	D4271	SHEET 5 OF 5
APPROVED	CP	TITLE	SCALE
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